

## ARG64477 anti-NOVA1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes NOVA1
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise all three reported isoforms (NP_002506.2 ; NP_006480.2 ; NP_006482.1)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	NOVA1
Species	Human
Immunogen	C-REMPQNVAKTEPVS
Conjugation	Un-conjugated
Alternate Names	Paraneoplastic Ri antigen; Neuro-oncological ventral antigen 1; Nova-1; Onconeural ventral antigen 1; RNA-binding protein Nova-1; Ventral neuron-specific protein 1

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.01 - 0.03 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links

[GeneID: 4857 Human](#)

[Swiss-port # P51513 Human](#)

Background

This gene encodes a neuron-specific RNA-binding protein, a member of the Nova family of paraneoplastic disease antigens, that is recognized and inhibited by paraneoplastic antibodies. These antibodies are found in the sera of patients with paraneoplastic opsoclonus-ataxia, breast cancer, and small cell lung cancer. Alternatively spliced transcripts encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]

Research Area

Neuroscience antibody

Calculated Mw

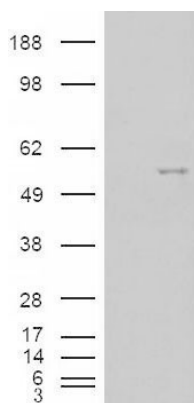
52 kDa

## Images



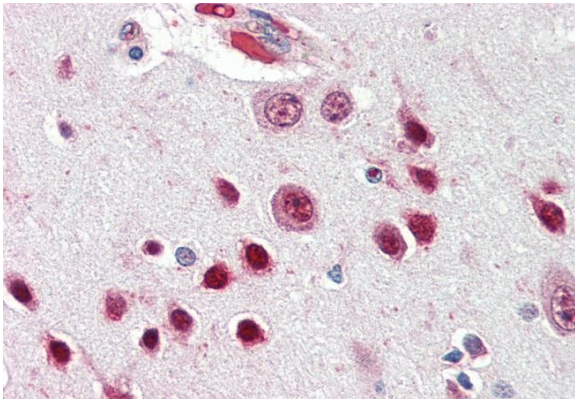
ARG64477 anti-NOVA1 antibody WB image

Western Blot: Human Breast Cancer lysate (35 µg protein in RIPA buffer) stained with ARG64477 anti-NOVA1 antibody at 0.01 µg/ml dilution.



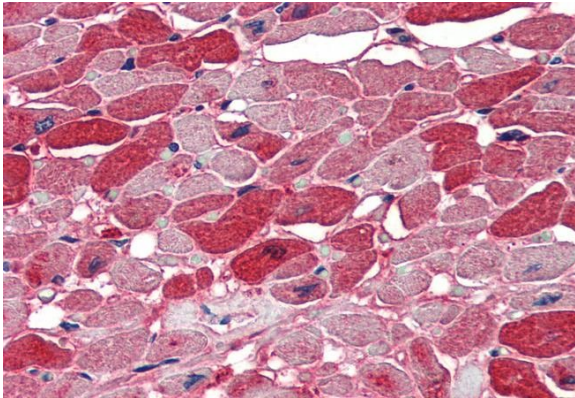
ARG64477 anti-NOVA1 antibody WB image

Western Blot: 1). Mock transfection; 2) NOVA1 (RC210407) expressing plasmid transfected HEK293 cell lysate stained with ARG64477 anti-NOVA1 antibody



ARG64477 anti-NOVA1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue.  
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64477 anti-NOVA1 antibody at 5 µg/ml dilution followed by AP-staining.



ARG64477 anti-NOVA1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human heart tissue.  
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64477 anti-NOVA1 antibody at 5 µg/ml dilution followed by AP-staining.